XP-002137001

AN - 1999-409931 [35]
AP - JP19970330436 19971201
CPY - ISEE
DC - V05
FS - EPI
IC - H01J1/30 ; H01J31/12
PA - (ISEE) ISE ELECTRONICS CORP
PN - JP11162383 A 19990618 DW199935 H01J31/12 005pp
PR - JP19970330436 19971201
XIC - H01J-001/30 ; H01J-031/12
XP - N1999-306295
AB - JP11162383 NOVELTY - Light emission area (110) is inserted into the body of front rib (108), and the electron emission portion (105) is formed by spaces created by side rib (104) on the substrate. The electron emission portion (105) has carbon nano tube which includes cylindrical shaped graphite layer. The electrode (106) on the side rib makes electron emission portion to emit electrons. DETAILED DESCRIPTION - The front rib (108) and the substrate side rib (104) are oppositely arranged at predetermined distance to separate display surface and board substrate.
- USE - For e.g. field emission display (FED).
- ADVANTAGE - A uniform pattern is cheaply produced by using carbon nano tube of very minute structure. The discharge of electron is increased resulting in larger display area. DESCRIPTION OF DRAWING(S) - The diagram shows the sectional and top view of the basic component of flat surface display. (104) Substrate side rib; (105) Electron emission portion; (106) Electron lead out electrode; (108) Front rib; (110) Light emitting area.
- (Dwg.1/3)
IW - FLAT SURFACE DISPLAY FIELD EMIT DISPLAY EMIT ELECTRON HIGH DENSITY THROUGH CARBON NANO TUBE CYLINDER SHAPE GRAPHITE LAYER
IKW - FLAT SURFACE DISPLAY FIELD EMIT DISPLAY EMIT ELECTRON HIGH DENSITY THROUGH CARBON NANO TUBE CYLINDER SHAPE GRAPHITE LAYER
NC - 001
OPD - 1997-12-01
ORD - 1999-06-18
PAW - (ISEE) ISE ELECTRONICS CORP
TI - Flat surface display e.g. field emission display - emits electrons of high density through carbon nano tube which includes cylindrical shaped graphite layer